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Century



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OCT 31 2019

Enforcement and Compliance
Assurance Division

October 28, 2019

Director, Air and Toxics Technical Enforcement Program
Office of Enforcement
Compliance and Environmental Justice
Mail Code 8ENF-AT
1595 Wynkoop Street
Denver, Colorado 80202-1129

RE: Annual Compliance Report, 40 CFR Subpart OOOOa
Century Oil and Gas, LLC

To Whom It May Concern:

Attached please find a completed Annual Compliance Report under 40 Code of Federal Regulations (CFR) §60.5420a (b). This report covers includes the following:

- The Subpart OOOOa report template, supplied by the US Environmental Protection Agency (EPA) via its website, containing the information specified in §60.5420a (b).
 - This report is filed early as an initial annual report for the affected facilities to maintain the reporting schedule close the original annual deadline.
- A signed responsible official certification form.

Please contact me at (713) 882-5283 or by email at pmoffitt@centurynr.com if you have any questions or require additional information.

Sincerely,

(b) (6)

Patrick Moffitt
Chief Operating Officer
Century Oil and Gas, LLC

Enclosures

Responsible Official

Name: (Last) Moffitt (First) Patrick (MI) M

Title: Chief Operating Officer

Company Representing: Century Oil and Gas, LLC

Street or P.O. Box: 4808 Gibson Street, Suite 210

City: Houston State: Texas ZIP: 77007

Telephone (713) 882 - 5283 Ext. _____ Facsimile _____

Certification of Truth, Accuracy and Completeness (to be signed by the responsible official)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.

Name (signed): (b) (6)

Name (typed): Patrick Moffitt

Date: 10 / 29 / 19

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.																		
SITE INFORMATION										ALTERNATIVE ADDRESS INFORMATION (IF NO PHYSICAL ADDRESS AVAILABLE FOR SITE *)				REPORTING INFORMATION		PE Certification	ADDITIONAL INFORMATION	
Facility Record No. * (Field value will automatically generate if a value is not entered.)	Company Name * (\$60.5420a(b)(1)(i))	Facility Site Name * (\$60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility, if applicable. * (\$60.5420a(b)(1)(i))	Address of Affected Facility * (\$60.5420a(b)(1)(i))	Address 2	City *	County *	State Abbreviation *	Zip Code *	Responsible Agency Facility ID (State Facility Identifier)	Description of Site Location (\$60.5420a(b)(1)(i))	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (\$60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (\$60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (\$60.5420a(b)(12)) Please provide only one file per record.	Please enter any additional information.	Enter associated file name reference.
e.g.: ABC Company		e.g.: XYZ Compressor Station	e.g.: 12-345-67890-12	e.g.: 123 Main Street	e.g.: Suite 100	e.g.: Brooklyn	e.g.: Kings County	e.g.: NY	e.g.: 11221		e.g.: 7 miles NE of the intersection of Hwy 123 and Hwy 456	e.g.: 34.12345	e.g.: -101.12345	e.g.: 01/01/2016	e.g.: 06/30/2016	e.g.: Certification.pdf or XYZCompressorStation.pdf		e.g.: addlinfo.zip or XYZCompressorStation.pdf
	1 Century Oil & Gas, LLC	Bacon Creek Federal 4	49-005-59517	N/A	N/A	N/A	Campbell	WY	N/A		SESW S16 T45N R69W	43.87134	-105.1556	3/13/2019	9/30/2019	N/A	N/A	N/A
	2 Century Oil & Gas, LLC	Jasper 32-4H	49-027-26943	N/A	N/A	N/A	Niobrara	WY	N/A		NENE S32 T40 R66W	43.40649	-104.80026	11/30/2018	9/30/2019	N/A	N/A	N/A

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

Facility Record No. * (Select from dropdown list - may need to scroll up)	Identification of Each Affected Facility * (\$60.5420a(b)(1))	Date of Survey * (\$60.5420a(b)(7)(i))	Survey Begin Time * (\$60.5420a(b)(7)(ii))	Survey End Time * (\$60.5420a(b)(7)(iii))	Name of Surveyor * (\$60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (\$60.5420a(b)(7)(iv))	Sky Conditions During Survey * (\$60.5420a(b)(7)(iv))	Maximum Wind Speed During Survey * (\$60.5420a(b)(7)(iv))	Monitoring Instrument Used * (\$60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (\$60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (\$60.5420a(b)(7)(vii))	Type of Component Not Repaired as Required in §60.5397a(h) * (\$60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(h) * (\$60.5420a(b)(7)(viii))
	e.g.: Well Site ABC	e.g.: 8/13/17	e.g.: 10:00 am	e.g.: 1:00 pm	e.g.: John Smith	e.g.: 90°F	e.g.: Sunny, no clouds	e.g.: 2 mph	e.g.: Company ABC optical gas imaging camera	e.g.: None	e.g.: Valve	e.g.: 3	e.g.: Valve	e.g.: 1
1	Bacon Creek Federal 4	9/24/2019	1:43 PM	2:09 PM	Leonard Robinson	73 F	30% Overcast	7.4 mph	FLIR GF320	None	Connector		1 N/A	N/A
2	Jasper 32-4H	9/24/2019	9:30 AM	9:49 AM	Leonard Robinson	63 F	40% Overcast	6.7 mph	FLIR GF320	None	PRD		1 N/A	N/A

									OGI	Compressor Station Affected Facility Only	
Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(ix))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(x))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xi))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xi))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (§60.5420a(b)(7))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (§60.5420a(b)(7))
e.g.: Valve	e.g.: 1	e.g.:Valve	e.g.: 1	e.g.: 11/10/16	e.g.: Valve	e.g.: 1	e.g.: Unsafe to repair until next shutdown	e.g.: Company ABC optical gas imaging camera	e.g.: Trained thermographer; completed 40-hour course at XYZ Training Center. Has 10 years of experience with OGI surveys.	e.g.: Yes	e.g.: January; February; and March
N/A	N/A	N/A	N/A	9/24/2019	N/A	N/A	N/A	N/A	Infrared Training Center ID# 83009/Since 2014	N/A	N/A
N/A	N/A	N/A	N/A	Not repaired in reporting period	PRD	N/A	1 New parts needed to be or	N/A	Infrared Training Center ID# 83009/Since 2014	N/A	N/A

The asterisk, (*) next to each field indicates that the corresponding field is required.

			§60.5432a Low Pressure Wells	All Well Completions	Well Affected Facilities Required to Comply with §60.5375a(a) and §60.5375a(f)													
Facility Record No. * (Select from dropdown list - may need to scroll up)	United States Well Number * (§60.5420a(b)(1)(i))	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in § 60.5375a. * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii))	Please provide the file name that contains the Record of Determination and Supporting Inputs and Calculations * (§60.5420a(b)(2)(iii) and §60.5420a(c)(1)(vii)) Please provide only one file per record.	Well Completion ID * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Date of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Time of Each Attempt to Direct Flowback to a Separator * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Date of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Time of Each Occurrence of Returning to the Initial Flowback Stage * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Duration of Flowback in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Duration of Recovery in Hours * (Not Required for Wells Complying with §60.5375a(f)) (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A))	Disposition of Recovery * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Duration of Combustion In Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))	Duration of Venting in Hours * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A)-(B))
e.g.: On October 12, 2016, a separator was not onsite for the first 3 hours of the flowback period.			e.g.: lowpressure.pdf or XYZCompressorStation.pdf	e.g.: Completion ABC	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 5	e.g.: 5	e.g.: Used as onsite fuel	e.g.: 5	e.g.: 5
1 49-005-59517	N/A	N/A	N/A	BaconCreek001	(b) (9)	3/4/2019 9 a.m.		3/13/2019 6 p.m.	N/A	N/A		3/13/2019 6 p.m.		131 N/A		N/A		131 N/A

Exceptions Under §60.5375(a)(3) - Technically Infeasible to Route to the Gas Flow Line or Collection System, Re-inject into a Well, Use as an Onsite Fuel Source, or Use for Another Useful Purpose Served by a Purchased Fuel or Raw Material													Well Affected Facilities Meeting the Criteria of §60.53				
Reason for Venting in lieu of Capture or Combustion * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Well Location * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(i)-(v))	Specific Exception Claimed * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))	Starting Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))	Ending Date for the Period the Well Operated Under the Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))	Why the Well Meets the Claimed Exception * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(v))	Name of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Location of Nearest Gathering Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Technical Considerations Preventing Routing to this Line * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Capture, Re-injection, and Reuse Technologies Considered * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Additional Reasons for Technical Infeasibility * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)-(B))	Well Location* (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C))	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C))	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C))	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C))	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production * (§60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C))
e.g.: No onsite storage or combustion unit was available at the time of completion. N/A	e.g.: 34.12345 latitude, -101.12345 longitude N/A	e.g.: Technical infeasibility under 60.5375(a)(3) N/A	e.g.: 10/16/2016 N/A	e.g.: 10/18/2016 N/A	e.g.: As further described in this report, technical issues prevented the use of the gas for useful purposes. N/A	e.g.: ABC Line N/A	e.g.: 100 miles away at 34.12345 latitude, -101.12345 longitude N/A	e.g.: right of use N/A	e.g.: on-site generators N/A	e.g.: gas quality N/A	e.g.: gas quality N/A	e.g.: well damage or clean-up N/A	e.g.: 34.12345 latitude, -101.12345 longitude N/A	e.g.: 10/16/16 N/A	e.g.: 10 a.m. N/A	e.g.: 10/16/16 N/A	e.g.: 10 a.m. N/A

75a)(1)(B)(A) - Not Hydraulically Fractured/Refractured with Liquids or Do Not Generate Condensate, Intermediate Hydrocarbon Liquids, or Produced Water (No Liquid Collection System or Separator Onsite)										Well Affected Facilities Required to Comply with Both §60.5375a(a)(1) and (3) Using a Digital Photo in lieu of Records Required by §60.5420a(c)(1)(i) through (iv)	Well Affected Facilities Meeting the Criteria of §60.5375a(g) - <300 scf of Gas per Stock Tank Barrel of Oil Produced		
Duration of Flowback in Hours * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C)	Duration of Combustion in Hours * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C)	Duration of Venting in Hours * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C)	Reason for Venting in lieu of Capture or Combustion * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(A) and (C)	Does well still meet the conditions of §60.5375a(1)(B)(A)? * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(C)(2)	If applicable: Date Well Completion Operation Stopped * §60.5420a(c)(1)(ii)(C)(2)	If applicable: Time Well Completion Operation Stopped * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(C)(2)	If applicable: Date Separator Installed * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(C)(2)	If applicable: Time Separator Installed * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(C)(2)	Are there liquids collection at the well site? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(ii)(C)(2)	Please provide the file name that contains the Digital Photograph with Date Taken and Latitude and Longitude Imbedded (or with Visible GPS), Showing Required Equipment §60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv) Please provide only one file per record.	Well Location* §60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv)(B)	Please provide the file name that contains the Record of Analysis Performed to Claim Well Meets §60.5375a(g), including GOR Values for Established Lessees and Data from Wells in the Same Basin and Field * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv)(A) Please provide only one file per record.	Does the well meet the requirements of §60.5375a(g)? Based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. * §60.5420a(b)(2)(i) and §60.5420a(c)(1)(iv)(C)
e.g.: 5	e.g.: 5	e.g.: 5	e.g.: No onsite storage or combustion unit was available at the time of completion.	e.g.: Yes	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: 10/16/16	e.g.: 10 a.m.	e.g.: No	e.g.: completion1.pdf or XYZCompressorStation.pdf	e.g.: 34.12345 latitude, -101.12345 longitude	e.g.: GOR1a1c1.pdf or XYZCompressorStation.pdf	e.g.: Yes
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A